
Index

L

5

Index of Subjects

Volume 121, 1985

- Adipocytes**
S-100 protein in, 185
- α_1 -Adrenoceptors**
in norepinephrine-induced cardiomyopathy, 316
- AGEPC**
lung alterations from, 55
- Aging**
and cytoplasmic amyloid precursor in senescence-accelerated mouse, 455
- Air pouch studies**
in inflammation from bacterial cell wall fragments, 327
- Alkaline phosphatase**
placental, in oval cells during liver carcinogenesis, 505
- Allylamine**
cardiovascular toxicity of, lesions in, 39
- Amyloid**
cytoplasmic precursor in senescence-accelerated mouse, 455
- Anergy**
and foreign body granulomas, 466
- Antigenic charge**
and retention in cartilage, 224
- Aorta**
cationized ferritin inducing endocytosis in smooth muscle cells, 433
endothelial cells affected by lipopolysaccharide, 123
- Arachidonic acid metabolites**
affecting eosinophil chemotaxis, 361
in inflammation from bacterial cell wall fragments, 327
- Arthritis**
antigen-induced, 224
- Atherosclerosis**
and lipid deposition in tendon xanthomas, 311
and lipoprotein uptake by cells, 200
- Autoimmune disease**
sex hormone action in, 531
- Bacteria**
cell wall fragments inducing inflammation, 327
- Basement membrane**
hidden nephritogenic antigen in, 156
and tumor formation, 248
- Bevilacqua, Michael**
Experimental Pathologist-in-Training Award, 393
- Bladder**
Lewis antigens in urothelium, 176
- Breast**
cancer of, pregnancy-associated plasma protein A in, 342
- Carcinoembryonic antigen**
in thymic cells, 418
- Cardiomyopathy**
norepinephrine-induced, α_1 -adrenoceptors in, 316
- Cartilage**
articular, antigen retention in, 224
- Chemotaxis**
in acute colitis, 284
eosinophil, hydroxyacids affecting, 361
- Cholesterol**
in tendon xanthomas, 311
- Choriomeningitis**
lymphocytic, virus persistence in pancreatic beta cells, 497
- Clonality**
of tumor cells, 426
- Coagulation**
intravascular, affected by interleukin-1, 394
- Colitis**
chemotaxins in, 284
- Collagen**
in scar carcinoma of lung, 322
- Collagenase**
in schistosomiasis granulomas, 166
- Cytokeratins**
in mesotheliomas, 235
- Diabetes**
autonomic neuropathy in, 138
and viruses in pancreatic beta cells, 497
- Diethylstilbestrol**
pituitary hyperplasia from, pergolide affecting, 486
- Diglyceride**
synthetic, affecting platelets, 79
- Elastase**
in schistosomiasis granulomas, 166
- Electrical charge**
and antigen retention in joints, 224
barrier distribution in glomeruli, 474
and cationized ferritin inducing endocytosis in smooth muscle cells, 433
- Electron microscopy**
in diabetic autonomic neuropathy, 138
of myocardial lesions in allylamine toxicity, 39
of platelets affected by diglyceride, 79
of pneumocyte membrane changes from nitrogen dioxide, 291
- Endocytosis**
in smooth muscle cells, induced by cationized ferritin, 433
- Endometriosis**
human tissue grafts into nude mice, 337
- Endometrium**
human tissue grafts into nude mice, 337
- Endothelium**
activation by interleukin-1, 394
aortic, lipopolysaccharide affecting, 123
- Eosinophils**
chemotaxis affected by hydroxyacids, 361
in schistosomiasis granulomas, 166
- Estrogen**
affecting human uterine tissue in nude mice, 337
and autoimmune diseases, 531
pituitary hyperplasia from, pergolide affecting, 486
- Experimental Pathologist-in-Training Award**
Michael Bevilacqua, 393
Christine Hulette, 9

- Ferritin** cationized, and endocytosis in smooth muscle cells, 433
- Fibroblasts** lung, growth affected by lymphokines, 261
skin, uptake of lipoproteins, 200
- Fitzgerald, Patrick** Gold Headed Cane Award, 194
- Fluorescence microscopy** of basement membrane in tumor formation, 248
of lipoprotein uptake by cells, 200
- Genes** rearrangement in histiocytic tumors, 369
- Glomerulonephritis** antibody-mediated, in mouse and rat, 112
- Glycoproteins** oligosaccharides of, 382
- Gold Headed Cane Award** Patrick Fitzgerald, 194
- Granular-cell tumor** myelin proteins in, 96
- Granulomas** pulmonary, associated with anergy, 466
schistosomiasis, neutral proteases in, 166
- Heart** α_1 -adrenoceptors in norepinephrine-induced cardiomyopathy, 316
myocyte vacuolization in infarct border zones, 444
tetrazolium staining of infarcts, 522
ultrastructure in allylamine toxicity, 39
- Heymann antigen** absence in glomerulonephritis in mouse, 112
- Histiocytic tumors** gene rearrangement in, 369
malignant fibrous, tumor cells in, 269
- HLA antigen** human monoclonal antibody to, 10
- Hulette, Christine** Experimental Pathologist-in-Training Award, 9
- Hydroxyacids** and eosinophil chemotaxis, 361
- Hyperoxia** pulmonary arteries in, 212
- Hypertension** pulmonary, isoproterenol affecting, 102
- Hypoxia** and pulmonary hypertension, isoproterenol affecting, 102
- Immunoelectron-microscopy** of S-100 protein in adipocytes, 185
- Immunofluorescence** of cytokeratins in mesotheliomas, 235
- Immunology** antibody-mediated glomerulonephritis in mouse and rat, 112
antigen retention in joints, 224
hidden nephritogenic basement membrane antigens, 156
Leu M1 antigen in T-cell neoplasia, 374
prostate-specific antigen in metastases, 451
sex hormone action in autoimmune disease, 531
urothelial Lewis antigens, 176
- Immunoperoxidase studies** of cytoplasmic amyloid precursor in senescence-accelerated mouse, 455
of mitosing cells, 275
of tumor cells in malignant fibrous histiocytomas, 269
- Immunosuppression** anergy-like, in pulmonary granulomas, 466
- Inflammation** in cultured skin lesions, 15, 28
granulomatous, associated with anergy, 466
induced by bacterial cell wall fragments, 327
and interleukin-1 activation of endothelium, 394
- Interleukin-1** activation of vascular endothelium, 394
- Intermediate filaments** cytoskeleton in mesotheliomas, 235
- Isoproterenol** and pulmonary hypertension, 102
- Kidney** antibody-mediated glomerulonephritis in mouse and rat, 112
distribution of glomerular anionic sites, 474
hidden nephritogenic antigens in basement membrane, 156
mitomycin affecting, 88
- Laminin** and activity of NK cells, 148
- Leu M1 antigen** in T-cell neoplasia, 374
- Leukemia viruses** murine, and spontaneous nonthymic lymphomas, 349
- Leukocytes** adhesion to endothelial cells affected by interleukin-1, 394
polymorphonuclear, releases causing microvascular injury, 404
- Leukotriene B** in inflammation from bacterial cell wall fragments, 327
- Lewis antigens** in urothelium, 176
- Lipid** deposition in tendon xanthoma, 311
- Lipolysis** and S-100 protein in adipocytes, 185
- Lipopolysaccharide** affecting aortic endothelial cells, 123
- Lipoproteins** cellular uptake of, 200
- Liver** clonal origin of tumors, 426
oval cell alkaline phosphatase during carcinogenesis, 505
schistosomiasis granulomas of, neutral proteases in, 166
- Lungs** acetyl glyceryl ether phosphorylcholine affecting, 55
alveolar macrophages affected by lymphokines, 261
granulomas associated with anergy, 466
lesions from 3-methylindole, 128
pneumocyte membrane changes from nitrogen dioxide, 291
scar carcinoma of, collagens in, 322
- Lymph nodes** phenotypic expression of T cells in, 69
- Lymphocytes** laminin affecting NK cell activity, 148
phenotypic expression of T cells in thymus and peripheral lymphoid tissue, 69
- Lymphokines** and macrophage-derived growth factor secretion, 261
- Lymphomas** B-cell, phenotyping of, 514
spontaneous nonthymic, 349
T-cell, Leu M1 antigen in, 374
- Macrophages** growth factor secretion affected by lymphokines, 261
in schistosomiasis granulomas, 166

- uptake of lipoproteins, 200
- Mesothelioma**
 - cytokeratins and vimentin in, 235
- Metastases**
 - factors in induction of, 1
- 3-Methylindole**
 - pulmonary injury from 128
- Mitomycin**
 - nephrotoxicity of, 88
- Mitosing cells**
 - detection with monoclonal antibodies, 275
- Monoclonal antibody studies**
 - of B-cell lymphomas, 514
 - in detection of mitosing cells, 275
 - human antibodies to HLA, 10
 - of prostate-specific antigen in metastases, 451
 - of T-cell phenotypic markers, 69
 - of tumor cells in malignant fibrous histiocytomas, 269
- Muscle**
 - skeletal, as component in Wilms' tumor, 298
 - smooth muscle cells
 - endocytosis induced by cationized ferritin, 433
 - lipoprotein uptake by, 200
- Myelin proteins**
 - in Schwann cell tumors, 96
- Myoblasts**
 - in Wilms' tumor, 298
- Myocytes**
 - vacuolization in infarct border zones, 444
- Neoplasia**
 - basement membrane and tumor formation, 248
 - carcinoembryonic antigen in thymic cells, 418
 - clonal origin of tumors, 426
 - collagens in scar carcinoma of lung, 322
 - cytokeratins in mesotheliomas, 235
 - detection of mitosing cells in, 275
 - factors in induction of metastasis, 1
 - gene rearrangement in histiocytic tumors, 369
 - Leu M1 antigen in T-cell neoplasia, 374
 - and Lewis antigens in urothelium, 176
 - markers for Schwann cell neoplasms, 96
 - phenotyping of B-cell lymphomas, 514
 - placental alkaline phosphatase in oval cells during liver carcinogenesis, 505
 - pregnancy-associated plasma protein-A in breast cancer, 342
 - prostate-specific antigen in metastases, 451
 - skeletal muscle component of Wilms' tumor, 298
 - spontaneous nonthymic lymphomas, 349
 - tumor cells in malignant fibrous histiocytomas, 269
- Neurofibroma**
 - myelin proteins in, 96
- Neuropathy**
 - autonomic, in diabetes, 138
- Neutrophils**
 - chemotaxis in colitis, 284
- Nitrogen dioxide**
 - and membrane changes in pneumocytes, 291
- Norepinephrine**
 - cardiomyopathy from, α -adrenoceptors in, 316
- 1-Oleoyl-2-acetylglycerol**
 - affecting platelets, 79
- Oligosaccharides**
 - of glycoproteins, 382
- Oncogenes**
 - activation of, and metastasis induction, 1
- Organ cultures**
 - inflammatory skin lesions in, 15, 28
- Oxygen**
 - hyperoxia affecting pulmonary arteries, 212
- hypoxic pulmonary hypertension, isoproterenol, affecting, 102**
- Pancreas**
 - tumor cells affected by basement membrane, 248
 - viruses in beta cells of, and diabetes, 497
- Pergolide**
 - in pituitary hyperplasia, 486
- Phosphorylation**
 - platelet, diglyceride affecting, 79
- Pituitary**
 - hyperplasia of, pergolide in, 486
- Platelets**
 - 1-oleoyl-2-acetylglycerol affecting, 79
- Pneumocytes**
 - membrane changes from nitrogen dioxide, 291
- Pregnancy-associated proteins**
 - plasma protein A in breast cancer, 342
- Prostaglandin E**
 - in inflammation from bacterial cell wall fragments, 327
- Prostate-specific antigen**
 - in metastases, 451
- Proteases**
 - neutral, in schistosomiasis granulomas, 166
- Protein**
 - of intermediate filaments in mesotheliomas, 235
 - myelin, in Schwann cell tumors, 96
 - oligosaccharides of glycoproteins, 382
 - S-100
 - in adipocytes, 185
 - in Schwann cell tumors, 96
 - serum, in cultured skin lesions, 15, 28
- Pulmonary arteries**
 - hyperoxia affecting, 212
 - isoproterenol affecting, 102
- rasH* oncogenes**
 - and induction of metastasis, 1
- Rhabdomyogenesis**
 - in Wilms' tumor, 298
- S-100 protein**
 - in adipocytes, 185
 - in Schwann cell tumors, 96
- Scar carcinoma**
 - of lung, collagens in, 322
- Schistosomiasis**
 - and neutral proteases in granulomas, 166
- Schwannoma**
 - myelin proteins in, 96
- Serum factors**
 - in cultured skin lesions, 15, 28
- Sex hormones**
 - and autoimmune diseases, 531
- Skin**
 - fibroblast uptake of lipoproteins, 200
 - inflammatory lesions in organ cultures, 15, 28
- Steroid hormones**
 - affecting human uterine tissue in nude mice, 337
- Streptococci**
 - cell wall fragments inducing inflammation, 327
- Tendons**
 - xanthoma of, lipid deposition in, 311
- Testosterone**
 - and autoimmune diseases, 531
- Tetrazolium**
 - in staining of myocardial infarcts, 522
- Thymus**
 - carcinoembryonic antigen in, 418
 - phenotypic expression of T cells in, 69

Tumors. See Neoplasia**Urothelium**

Lewis antigens in, 176

Uterus

human tissue grafts into nude mice, 337

Vasculature

cationized ferritin inducing endocytosis in aortic smooth muscle cells, 433
hyperoxia affecting pulmonary arteries, 212
interleukin-1 activation of endothelium, 394
isoproterenol affecting pulmonary artery pressure, 102
lipopolysaccharide affecting aortic endothelial cells, 123
microvascular injury from PMN releasates, 404

Vesicles

pneumocyte, nitrogen dioxide affecting, 291

Vimentin

in mesotheliomas, 235

Viruses

murine leukemia viruses in spontaneous nonthymic lymphomas, 349
in pancreatic beta cells, and diabetes, 497

Warner-Lambert Parke-Davis Award, 381**Wilms' tumor**

skeletal muscle component of, 298

Xanthomas

tendon, lipid deposition in, 311

Index of Authors

Volume 121, 1985

- Abenoza P:** See Papsidero LD, Croghan GA, Asirwatham J, Gaeta J, Abenoza P, Englander L, Valenzuela L, 451
Abreu-Macomber M: See Sprague EA, Kelley JL, Suenram CA, Valente AJ, Abreu-Macomber M, Schwartz CJ, 433
Agrawal D: See Clark HB, Minesky JJ, Agrawal D, Agrawal HC, 96
Agrawal HC: See Clark HB, Minesky JJ, Agrawal D, Agrawal HC, 96
Ainsworth SK: See Pilia PA, Swain RP, Williams AV, Loadholt CB, Ainsworth SK, 474
Allred DC, Kobayashi K, Yoshida T: Anergy-like immunosuppression in mice bearing pulmonary foreign-body granulomatous inflammation (December), 466
Ansar Ahmed S, Penhale WJ, Talal N: Review article: Sex hormones, immune responses, and autoimmune diseases: Mechanisms of sex hormone action (December), 531
Asirwatham J: See Papsidero LD, Croghan GA, Asirwatham J, Gaeta J, Abenoza P, Englander L, Valenzuela L, 451
Assmann KJM, Ronco P, Tangelder MM, Lange WPH, Verroust P, Koene RAP: Comparison of antigenic targets involved in antibody-mediated membranous glomerulonephritis in the mouse and rat (October), 112
Baenninger JU: Warner-Lambert-Parke-Davis award lectures: The role of glycosylation in protein recognition (December), 381
Bergqvist A, Jeppsson S, Kullander S, Ljungberg O: Human uterine endometrium and endometriotic tissue transplanted into nude mice: Morphologic effects of various steroid hormones (November), 337
Bevilacqua MP, Pober JS, Wheeler ME, Cotran RS, Gimbrone MA: Experimental pathologist-in-training award: Interleukin-1 activation of vascular endothelium: Effects on procoagulant activity and leukocyte adhesion (December), 393
 Blobel GA, Moll R, Franke WW, Kayser KW, Gould VE: The intermediate filament cytoskeleton of malignant mesotheliomas and its diagnostic significance (November), 235
Boor PJ, Ferrans VJ: Ultrastructural alterations in allylamine cardiovascular toxicity: Late myocardial and vascular lesions (October), 39
Boros DL: See Truden JL, 166
Borowitz MJ, Bousvaros A, Brynes RK, Cousar JB, Crissman JD, Whitcomb CC, Kerns BJ, Byrne GE Jr: Monoclonal antibody phenotyping of B-cell non-Hodgkin's lymphomas: The southeastern cancer study group experience (December), 514
Bousvaros A: See Borowitz MJ, Bousvaros A, Brynes RK, Cousar JB, Crissman JD, Whitcomb CC, Kerns BJ, Bryne GE Jr, 514
Brynes RK: See Borowitz MJ, Bousvaros A, Brynes RK, Cousar JB, Crissman JD, Whitcomb CC, Kerns BJ, Bryne GE Jr, 514
Burke JS: See Wieczorek R, Burke JS, Knowles DM II, 374
Bryne GE Jr: See Borowitz MJ, Bousvaros A, Brynes RK, Cousar JB, Crissman JD, Whitcomb CC, Kerns BJ, Bryne GE Jr, 514
Castleman WL: See Durham SK, Castleman WL, 128
Cattell V: Mitomycin-induced hemolytic uremic kidney: An experimental model in the rat (October), 88
Chao S: See Hansson GK, Chao S, Schwartz SM, Reidy MA, 123
Chester JF, Ross JS, Malt RA, Weitzman SA: Acute colitis produced by chemotactic peptides in rats and mice (November), 284
Clarke HB, Minesky JJ, Agrawal D, Agrawal HC: Myelin basic protein and P₂ protein are not immunohistochemical markers for Schwann cell neoplasms: A comparative study using antisera to S-100, P₂, and myelin basic proteins (October), 96
Cleary ML: See Weiss LM, Trella MJ, Cleary ML, Turner RR, Warnke RA, Sklar J, 369
Cotran RS: See Bevilacqua MP, Pober JS, Wheeler ME, Cotran RS, Gimbrone MA, 393
Cousar JB: See Borowitz MJ, Bousvaros A, Brynes RK, Cousar JB, Crissman JD, Whitcomb CC, Kerns BJ, Byrne GE Jr, 514
Crissman JD: See Borowitz MJ, Bousvaros A, Brynes RK, Cousar JB, Crissman JD, Whitcomb CC, Kerns BJ, Byrne GE Jr, 514
Croghan GA: See Papsidero LD, Croghan GA, Asirwatham J, Gaeta J, Abenoza P, Englander L, Valenzuela L, 451
Cromartie WJ: See Yoshino S, Cromartie WJ, Schwab JH, 327
Dabbous M: See El-Torky M, Giltman LI, Dabbous M, 322
Dannenberg AM Jr, Pula PJ, Liu LH, Harada S, Tanaka F, Vogt RF Jr, Kajiki A, Higuchi K: Inflammatory mediators and modulators released in organ culture from rabbit skin lesions produced *in vivo* by sulfur mustard: I. Quantitative histopathology; PMN, basophil, and mononuclear cell survival; and unbound (serum) protein content (October), 15; also see Harada S, Dannenberg AM Jr, Kajiki A, Higuchi K, Tanaka F, Pula PJ, 28
Dardenne M: See Savino W, Durand D, Dardenne M, 418
Dillard LC: See Hulette CM, Effros RB, Dillard LC, Walford RL, 9
Durand D: See Savino W, Durand D, Dardenne M, 418
Durham SK, Castleman WL: Pulmonary lesions induced by 3-methylindole in mice (October), 128
Effros RB: See Hulette CM, Effros RB, Dillard LC, Walford RL, 9
Eggleson JC: See Kuhajda FP, Eggleson JC, 342
El-Torky M, Giltman LI, Dabbous M: Collagens in scar carcinoma of the lung (November), 322
Englander L: See Papsidero LD, Croghan GA, Asirwatham J, Gaeta J, Abenoza P, Englander L, Valenzuela L, 451
Espelie KE: See Potter KA, Leid RW, Kolattukudy PE, Espelie KE, 361
Fausto N: See Yaswen P, Thompsons NL, Fausto N, 505
Ferrans VJ: See Boor PJ, Ferrans VJ, 39
Fish AJ: See Yoshioka K, Michael AF, Velosa J, Fish AJ, 156
Franke WW: See Blobel GA, Moll R, Franke WW, Kayser KW, Gould VE, 235

- Frederickson TN, Morse HC III, Yetter RA, Rowe WP, Hartley JW, Pattengale PK:** Multiparameter analyses of spontaneous nonthymic lymphomas occurring in NFS/N mice congenic for ectotropic murine leukemia viruses (November), 349
- Fred R, Reid LM:** The effect of isoproterenol on the development and recovery of hypoxic pulmonary hypertension: A structural and hemodynamic study (October), 102
- Friesen LL, Gerrard JM:** The effects of 1-oleoyl-2-acetylglycerol on platelet phosphorylation and platelet ultrastructure (October), 79
- Gaeta J:** See Papsidero LD, Croghan GA, Asirwatham J, Gaeta J, Abenoza P, Englander L, Valenzuela L, 451
- Garrett RS:** See Rodriguez M, Garrett RS, Raitt M, Lampert PW, Oldstone MBA, 497
- Garvin AJ, Surrette F, Hintz DS, Rudisill MT, Sens MA, Sens DA:** The *in vitro* growth and characterization of the skeletal muscle component of Wilms' tumor (November), 298
- Gaur PK:** See Lloyd RV, Wilson BS, Varani J, Gaur PK, Moline S, Makari JG, 275
- Gerrard JM:** See Friesen LL, Gerrard JM, 79
- Giltman LI:** See El-Torky M, Giltman LI, Dabbous M, 322
- Gimbrone MA:** See Bevilacqua MP, Pober JS, Wheeler ME, Cotran RS, Gimbrone MA, 393
- Gordon RE:** The effects of No 2 on ionic surface charge on type I pneumocytes of hamster lungs (November), 291
- Gould VE:** See Blobel GA, Moll R, Franke WW, Kayser KW, Gould VE, 235
- Haimoto H, Kato K, Suzuki F, Nagura H:** Rapid communication: The ultrastructural changes of S-100 protein localization during lipolysis in adipocytes: An immunoelectron microscopic study (November), 185
- Hansson GK, Chao S, Schwartz SM, Reidy MA:** Aortic endothelial cell death and replication in normal and lipopolysaccharide-treated rats (October), 123
- Harada S, Dannenberg AM Jr, Kajiki A, Higuchi K, Tanaka F, Pula PJ:** Inflammatory mediators and modulators released in organ culture from rabbit skin lesions produced *in vivo* by sulfur mustard: II. Evans blue dye experiments that determined the rates of entry and turnover of serum protein in developing and healing lesions (October), 28; also see Dannenberg AM Jr, Pula PJ, Liu LH, Harada S, Tanaka F, Vogt RF Jr, Kajiki A, Higuchi K, 15
- Hartley JW:** See Frederickson TN, Morse HC III, Yetter RA, Rowe WP, Hartley JW, Pattengale PK, 349
- Higuchi K:** See Dannenberg AM Jr, Pula PJ, Liu LH, Harada S, Tanaka F, Vogt RF Jr, Kajiki A, Higuchi K, 15; also see Harada S, Dannenberg AM Jr, Kajiki A, Higuchi K, Tanaka F, Pula PJ, 28; also see Takeshita S, Higuchi K, Hosokawa M, Matsumura A, Higuchi K, Kohno A, Matsushita M, Yonezu T, Takeda T, 455
- Hintz DS:** See Garvin AJ, Surrette F, Hintz DS, Rudisill MT, Sens MA, Sens DA, 298
- Hiserodt JC, Laybourn KA, Varani J:** Laminin inhibits the recognition of tumor target cells by murine natural killer (NK) and natural cytotoxic (NC) lymphocytes (October), 148
- Hosokawa M:** See Takeshita S, Higuchi K, Hosokawa M, Matsumura A, Higuchi K, Kohno A, Matsushita M, Yonezu T, Takeda T, 455
- Howell S, Wareham KA, Williams ED:** Clonal origin of mouse liver cell tumors (December), 426
- Hsu S-M, Jaffe ES:** Phenotypic expression of T lymphocytes in thymus and peripheral lymphoid tissues (October), 69
- Hulette CM, Effros RB, Dillard LC, Walford RL:** Experimental pathologist-in-training award: Production of a human monoclonal antibody to HLA by human-human hybridoma technology: A preliminary report (October), 9
- Hutchins GM:** See Pirolo JS, Hutchins GM, Moore GW, 444
- Ingber DE, Madri JA, Jamieson JD:** Neoplastic disorganization of pancreatic epithelial cell-cell relations: Role of basement membrane (November), 248
- Jaffe ES:** See Hsu S-M, Jaffe ES, 69
- Jamieson JD:** See Ingber DE, Madri JA, Jamieson JD, 248
- Jeppsson S:** See Bergqvist A, Jeppsson S, Kullander S, Ljungberg O, 337
- Jones R, Zapol WM, Reid L:** Oxygen toxicity and restructuring of pulmonary arteries — A morphometric study: The response to 4 weeks' exposure to hyperoxia and return to breathing air (November), 212
- Kajiki A:** See Dannenberg AM Jr, Pula PJ, Liu LH, Harada S, Tanaka F, Vogt RF Jr, Kajiki A, Higuchi K, 15; also see Harada S, Dannenberg AM Jr, Kajiki A, Higuchi K, Tanaka F, Pula PJ, 28
- Kato K:** See Haimoto H, Kato K, Suzuki F, Nagura H, 185
- Kayser KW:** See Blobel GA, Moll R, Franke WW, Kayser KW, Gould VE, 235
- Kelley J:** See Kovacs EJ, Kelley J, 261; also see Sprague EA, Kelley JL, Suenram CA, Valente AJ, Abreu-Macomber M, Schwartz CJ, 433
- Kerns BJ:** See Borowitz MJ, Bousvaros A, Brynes RK, Cesar JB, Crissman JD, Whitcomb CC, Kerns BJ, Byrne FE Jr, 514
- Kleyne J:** See Roholl PJM, Kleyne J, van Unnik JAM, 269
- Kloner RA:** See Vivaldi MT, Kloner RA, Schoen FJ, 522
- Knowles DM II:** See Wieczorek R, Burke JS, Knowles DM II, 374
- Kobayashi K:** See Allred DC, Kobayashi K, Yoshida T, 466
- Koene RAP:** See Assmann KJM, Ronco P, Tangelder MM, Lange WPH, Verroust P, Koene RAP, 112
- Kohno A:** See Takeshita S, Higuchi K, Hosokawa M, Matsumura A, Higuchi K, Kohno A, Matsushita M, Yonezu T, Takeda T, 455
- Kolattukudy PE:** See Potter KA, Leid RW, Kolattukudy PE, Espelie KE, 361
- Kovacs EJ, Kelley J:** Lymphokine regulation of macrophage-derived growth factor secretion following pulmonary injury (November), 261
- Kruth HS:** Lipid deposition in human tendon xanthoma (November), 311
- Kuhajda FP, Eggleston JC:** Pregnancy-associated plasma protein A: A clinically significant predictor of early recurrence in stage I breast carcinoma is independent of estrogen receptor status (November), 342
- Kullander S:** See Bergqvist A, Jeppsson S, Kullander S, Ljungberg O, 337
- Lampert PW:** See Rodriguez M, Garrett RS, Raitt M, Lampert PW, Oldstone MBA, 497
- Lange PH:** See Limas C, Lange PH, 176
- Lange WPH:** See Assmann KJM, Ronco P, Tangelder MM, Lange WPH, Verroust P, Koene RAP, 112
- Laybourn KA:** See Hiserodt JC, Laybourn KA, Varani J, 148
- Lee JC, Spomenberg DP:** Role of α -adrenoceptors in norepinephrine-induced cardiomyopathy (November), 316
- Leid RW:** See Potter KA, Leid RW, Kolattukudy PE, Espelie KE, 361
- Limas C, Lange PH:** Lewis antigens in normal and neoplastic urothelium (October), 176
- Liotta LA:** See Muschel RJ, Williams JE, Lowy DR, Liotta LA, 1
- Liu LH:** See Dannenberg AM Jr, Pula PJ, Liu LH, Harada S, Tanaka F, Vogt RF Jr, Kajiki A, Higuchi K, 15
- Ljungberg O:** See Bergqvist A, Jeppsson S, Kullander S, Ljungberg O, 337
- Lloyd RV, Wilson BS, Varani J, Gaur PK, Moline S, Makari JG:** Immunocytochemical characterization of a monoclonal antibody that recognizes mitosing cells (November), 275
- Lloyd RV, Schmidt K, Nath V:** Effects of pergolide on

- diethylstibestrol-induced rat pituitary hyperplasia (December), 486
- Loadholt CB:** See Pilia PA, Swain RP, Williams AV, Loadholt CB, Ainsworth SK, 474
- Lowy DR:** See Muschel RJ, Williams JE, Lowy DR, Liotta LA, 1
- Madri JA:** See Ingber DE, Madri JA, Jamieson JD, 248
- Makari JG:** See Lloyd RV, Wilson BS, Varani J, Gaur PK, Moline S, Makari JG, 275
- Malt RA:** See Chester JF, Ross JS, Malt RA, Weitzman SA, 284
- Matsumura A:** See Takeshita S, Higuchi K, Hosokawa M, Matsumura A, Higuchi K, Kohno A, Matsushita M, Yonezu T, Takeda T, 455
- Matsushita M:** See Takeshita S, Higuchi K, Hosokawa M, Matsumura A, Higuchi K, Kohno A, Matsushita M, Yonezu T, Takeda T, 455
- McManus LM, Pinckard RN:** Kinetics of acetyl glyceryl ether phosphorylcholine (AGEPC)-induced acute lung alterations in the rabbit (October), 55
- Michael AF:** See Yoshioka K, Michael AF, Velosa J, Fish AJ, 156
- Minesky JJ:** See Clark HB, Minesky JJ, Agrawal D, Agrawal HC, 96
- Moline S:** See Lloyd RV, Wilson BS, Varani J, Gaur PK, Moline S, Makari JG, 275
- Moll R:** See Blobel GA, Moll R, Franke WW, Kayser KW, Gould VE, 235
- Moore GW:** See Pirolo JS, Hutchins GM, Moore GW, 444
- Morse HC III:** See Frederickson TN, Morse HC III, Yetter RA, Rowe WP, Hartley JW, Pattengale PK, 349
- Movat HZ, Wasi S:** Severe microvascular injury induced by lysosomal releasates of human polymorphonuclear leukocytes: Increase in vasopermeability, hemorrhage, and microthrombosis due to degradation of subendothelial and perivascular matrices (December), 404
- Muschel RJ, Williams JE, Lowy DR, Liotta LA:** Rapid communication: Harvey Ras induction of metastatic potential depends upon oncogene activation and the type of recipient cell (October), 1
- Nagura H:** See Haimoto H, Kato K, Suzuki F, Nagura H, 185
- Nath V:** See Lloyd RV, Schmidt K, Nath V, 486
- Oldstone MBA:** See Rodriguez M, Garrett RS, Raitt M, Lampert PW, Oldstone MBA, 497
- Papsidero LD, Croghan GA, Asirwatham J, Gaeta J, Abenoza P, Englander L, Valenzuela L:** Immunohistochemical demonstration of prostate-specific antigen in metastases with the use of monoclonal antibody F5 (December), 451
- Pattengale PK:** See Frederickson TN, Morse HC III, Yetter RA, Rowe WP, Hartley JW, Pattengale PK, 349
- Penhale WJ:** See Ansar Ahmed S, Penhale WJ, Talal N, 531
- Pilia PA, Swain RP, Williams AV, Loadholt CB, Ainsworth SK:** Glomerular anionic site distribution in nonproteinuric rats: A computer-assisted morphometric analysis (December), 474
- Pinckard RN:** See McManus LM, Pinckard RN, 55
- Pirolo JS, Hutchins GM, Moore GW:** Myocyte vacuellation in infarct border zones is reversible (December), 444
- Pober JS:** See Bevilacqua MP, Pober JS, Wheeler ME, Cotran RS, Gimbrone MA, 393
- Potter KA, Leid RW, Kolattukudy PE, Espelie KE:** Stimulation of equine eosinophil migration by hydroxyacid metabolites of arachidonic acid (November), 361
- Paula PJ:** See Dannenberg AM Jr, Paula PJ, Liu LH, Harada S, Tanaka F, Vogt RF Jr, Kajiki A, Higuchi K, 15; also see Harada S, Dannenberg AM Jr, Kajiki A, Higuchi K, Tanaka F, Paula PJ, 28
- Raitt M:** See Rodriguez M, Garrett RS, Raitt M, Lampert PW, Oldstone MBA, 497
- Reid L:** See Jones R, Zapol WM, Reid L, 212
- Reid LM:** See Fried R, Reid LM, 102
- Reidy MA:** See Hansson GK, Chao S, Schwartz SM, Reidy MA, 123
- Reynolds GD, St. Clair RW:** A comparative microscopic and biochemical study of the uptake of fluorescent and ¹²⁵I-labeled lipoproteins by skin fibroblasts, smooth muscle cells, and peritoneal macrophages in culture (November), 200
- Rodriguez M, Garrett RS, Raitt M, Lampert PW, Oldstone MBA:** Virus persists in beta cells of islets of Langerhans and infection is associated with chemical manifestations of diabetes: II. Morphologic observations (December), 497
- Roholl PJM, Kleyne J, van Unnik JAM:** Characterization of tumor cells in malignant fibrous histiocytomas and other soft-tissue tumors, in comparison with malignant histiocytes: II. Immunoperoxidase study in cryostate sections (November), 269
- Ronco P:** See Assmann KJM, Ronco P, Tangelander MM, Lange WPH, Verroust P, Koene RAP, 112
- Ross JS:** See Chester JF, Ross JS, Malt RA, Weitzman SA, 284
- Rowe WP:** See Frederickson TN, Morse HC III, Yetter RA, Rowe WP, Hartley JW, Pattengale PK, 349
- Rudisill MT:** See Garvin AJ, Surrette F, Hintz DS, Rudisill MT, Sens MA, Sens DA, 298
- Savino W, Durand D, Dardenne M:** Immunohistochemical evidence for the expression of the carcinoembryonic antigen by human thymic epithelial cells *in vitro* and in neoplastic conditions (December), 418
- Schmidt K:** See Lloyd RV, Schmidt K, Nath V, 486
- Schoen FJ:** See Vivaldi MT, Kloner RA, Schoen FJ, 522
- Schwab JH:** See Yoshino S, Cromartie WJ, Schwab JH, 327
- Schwartz CJ:** See Sprague EA, Kelley JL, Suenram CA, Valente AJ, Abreu-Macomber M, Schwartz CJ, 433
- Schwartz SM:** See Hansson GK, Chao S, Schwartz SM, Reidy MA, 123
- Sens DA:** See Garvin AJ, Surrette F, Hintz DS, Rudisill MT, Sens MA, Sens DA, 298
- Sens MA:** See Garvin AJ, Surrette F, Hintz DS, Rudisill MT, Sens MA, Sens DA, 298
- Sima AAF:** See Yagihashi S, Sima AAF, 138
- Sklar J:** See Weiss LM, Trela MJ, Cleary ML, Turner RR, Warnke RA, Sklar J, 369
- Sponenberg DP:** See Lee JC, Sponenberg DP, 316
- Sprague EA, Kelley JL, Suenram CA, Valente AJ, Abreu-Macomber M, Schwartz CJ:** Stimulation of albumin endocytosis by cationized ferritin in cultured aortic smooth muscle cells (December), 433
- St. Clair RW:** See Reynolds GD, St. Clair RW, 200
- Suenram CA:** See Sprague EA, Kelley JL, Suenram CA, Valente AJ, Abreu-Macomber M, Schwartz CJ, 433
- Surrette F:** See Garvin AJ, Surrette F, Hintz DS, Rudisill MT, Sens MA, Sens DA, 298
- Suzuki F:** See Haimoto H, Kato K, Suzuki F, Nagura H, 185
- Swain RP:** See Pilia PA, Swain RP, Williams AV, Loadholt CB, Ainsworth SK, 474
- Takeda T:** See Takeshita S, Higuchi K, Hosokawa M, Matsumura A, Higuchi K, Kohno A, Matsushita M, Yonezu T, Takeda T, 455
- Takeshita S, Higuchi K, Hosokawa M, Matsumura A, Higuchi K, Kohno A, Matsushita M, Yonezu T, Takeda T:** Morphologic demonstration of cytoplasmic ASAM-related antigenic substance (CASAM) by an immunoperoxidase technique (December), 455
- Talal N:** See Ansar Ahmed S, Penhale WJ, Talal N, 531
- Tanaka F:** See Dannenberg AM Jr, Paula PJ, Liu LH, Harada S, Tanaka F, Vogt RF Jr, Kajiki A, Higuchi K, 15; also see Harada S, Dannenberg AM Jr, Kajiki A, Higuchi K, Tanaka F, Paula PJ, 28

- F, Pula PJ, 28
Tangelder MM: See Assmann KJM, Ronco P, Tangelder MM, Lange WPH, Verroust P, Koene RAP, 112
Thompson NL: See Yaswen P, Thompson NL, Fausto N, 505
Trela MJ: See Weiss LM, Trela MJ, Cleary ML, Turner RR, Warnke RA, Sklar J, 369
Truden JL, Boros DL: Collagenase, elastase, and nonspecific protease production by vigorous or immunomodulated liver granulomas and granuloma macrophages/eosinophils of *S. mansoni*-infected mice (October), 166
Turner RR: See Weiss LM, Trela MJ, Cleary ML, Turner RR, Warnke RA, Sklar J, 369

Valente AJ: See Sprague EA, Kelley JL, Suenram CA, Valente AJ, Abreu-Macomber M, Schwartz CJ, 433
Valenzuela L: See Papsidero LD, Croghan GA, Asirwatham J, Gaeta J, Abenoza P, Englander L, Valenzuela L, 451
van Unnik JAM: See Roholl PJM, Kleyne J, van Unnik JAM, 269
van de Putte LBA: See van den Berg WB, van de Putte LBA, 224
van den Berg WB, van de Putte LBA: Electrical charge of the antigen determines its localization in the mouse knee joint: Deep penetration of cationic BSA in hyaline articular cartilage (November), 224
Varani J: See Hiserodt JC, Laybourn KA, Varani J, 148; also see Lloyd RV, Wilson BS, Varani J, Gaur PK, Moline S, Makari JG, 275
Velosa J: See Yoshioka K, Michael AF, Velosa J, Fish AJ, 156
Verroust P: See Assmann KJM, Ronco P, Tangelder MM, Lange WPH, Verroust P, Koene RAP, 112
Vivaldi MT, Kloner RA, Schoen FJ: Triphenyltetrazolium staining of irreversible ischemic injury following coronary artery occlusion in rats (December), 522
Vogt RF Jr: See Dannenberg AM Jr, Pula PJ, Liu LH, Harada S, Tanaka F, Vogt RF Jr, Kajiki A, Higuchi K, 15
Walford RL: See Hulette CM, Effros RB, Dillard LC, Walford RL, 9
Wareham KA: See Howell S, Wareham KA, Williams ED, 426
Warnke RA: See Weiss LM, Trela MJ, Cleary ML, Turner RR, Warnke RA, Sklar J, 369
Wasi S: See Movat HZ, Wasi S, 404

Weiss LM, Trela MJ, Cleary ML, Turner RR, Warnke RA, Sklar J: Rapid communication: Frequent immunoglobulin and T-cell receptor gene rearrangement in "histiocytic" neoplasms (December), 369
Weitzman SA: See Chester JF, Ross JS, Malt RA, Weitzman SA, 284
Wheeler ME: See Bevilacqua MP, Pober JS, Wheeler ME, Cotran RS, Gimbrone MA, 393
Whitcomb CC: See Borowitz MJ, Bousvaros A, Brynes RK, Cousar JB, Crissman JD, Whitcomb CC, Kerns BJ, Byrne GE Jr, 514
Wieczorek R, Burke JS, Knowles DM II: Rapid communication: Leu-M1 antigen expression in T-cell neoplasia (December), 374
Williams AV: See Pilia PA, Swain RP, Williams AV, Loadholt CB, Ainsworth SK, 474
Williams ED: See Howell S, Wareham KA, Williams ED, 426
Williams JE: See Muschel RJ, Williams JE, Lowy DR, Liotta LA, 1
Wilson BS: See Lloyd RV, Wilson BS, Varani J, Gaur PK, Moline S, Makari JG, 275

Yagihashi S, Sims AAF: Diabetic autonomic neuropathy: The distribution of structural changes in sympathetic nerves of the BB rat (October), 138
Yaswen P, Thompson NL, Fausto N: Oncodevelopmental expression of rat placental alkaline phosphatase: Detection in oval cells during liver carcinogenesis (December), 505
Yetter RA: See Frederickson TN, Morse HC III, Yetter RA, Rowe WP, Hartley JW, Pattengale PK, 349
Yonezu T: See Takeshita S, Higuchi K, Hosokawa M, Matsunaga A, Higuchi K, Kohno A, Matsushita M, Yonezu T, Takeda T, 455
Yoshida T: See Allred DC, Kobayashi K, Yoshida T, 466
Yoshino S, Cromartie WJ, Schwab JH: Inflammation induced by bacterial cell wall fragments in the rat air pouch: Comparison of rat strains and measurement of arachidonic acid metabolites (November), 327
Yoshioka K, Michael AF, Velosa J, Fish AJ: Detection of hidden nephritogenic antigen determinants in human renal and nonrenal basement membranes (October), 156

Zapol WM: See Jones R, Zapol WM, Reid L, 212

